1FW 1625

Docket No. 433-US-PCT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Ask Püschl, et al.

Group Art Unit: 1625

Application No.: 10/551,869

Examiner: Not Yet Assigned

Filed: September 30, 2005

For: 4-(2-Pheny)

4-(2-Phenylsulfanyl-phenyl)-1,2,3,6-Tetrahydropyridine Derivatives As

Serotonin Reuptake Inhibitors

Date: May 25, 2007

# CERTIFICATE OF MAILING BY "FIRST CLASS MAIL" (37 C.F.R. § 1.8)

Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

I hereby certify that the following correspondence:

Supplemental Information Disclosure Statement (4 pgs); Information Disclosure Statement (PTO/SB/08a) (3 pgs); Information Disclosure Statement (PTO/SB/08b) (2 pgs); Twenty eight (28) References; and return postcard

is being deposited on <u>May 25, 2007</u> with the United States Postal Service as first class mail in an envelope bearing sufficient postage thereon and addressed to:

Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450.

Enrique M. Hurtado
(Typed Or Printed Name Of Person Malling Correspondence)

(Signature Of Person Mailing Correspondence)

Docket No. 433-US-PCT



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Ask Püschi, et al.

Serial No.

10/551,869

Group Art Unit:

1625

Filed:

September 30, 2005

Examiner:

Not Yet Assigned

For:

4-(2-Phenylsulfanyl-phenyl)-1,2,3,6 Tetrahydropyridine Derivatives As

Serotonin Reuptake Inhibitors.

05/30/2007 LWONDIM1 00000001 503201

10551869

01 FC:1806

180.00 DA

Date: May 25, 2007

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. §1.56 and §1.97(a)-(d), applicants request that the following references be considered and made of record in the above-identified application:

- 1. U.S. Patent No. 3,803,143, issued April 09, 1974 (Tanaka, S., et al.)
- 2. U.S. Patent No. 4,018,830, issued April 19, 1977 (Christy, M., et al.)
- 3. U.S. Patent No. 4,055,665, issued October 25, 1977 (Christy, M., et al.)
- U.S. Patent No. 4,056,632, issued November 01, 1977 (Mehta, N., et al.)
- 5. U.S. Patent No. 4,198,417, issued April 15, 1980 (Ong, H., et al.)
- 6. U.S. Patent No. 4,241,071, issued December 23, 1980 (Martin, L., et al.)
- 7. U.S. Patent No. 5,095,039, issued March 10, 1992 (Mehta, N., et al.)
- 8. U.S. Patent No. 6,410,736 B1, issued June 25, 2002 (Howard, H., et al.)

Page 2 of 4

- U.S. Patent No. 6,436,938 B1, issued August 20, 2002 (Howard, H., et al.)
- 10. U.S. Patent No. 6,596,741 B2, issued July 22, 2003 (Howard, H., et al.)
- 11. PCT International Publication No. WO 93/12080, published June 24, 1993 (The Wellcome Foundation Limited)
- 12. PCT International Publication No. WO 97/17325, published May 15, 1997 (Farmak A.S.)
- 13. PCT International Publication No. WO 97/17352 A1 published May 15, 1997 (Gist-Brocades B.V.)
- 14. PCT International Publication No. WO 98/08817 published March 5, 1998 (American Home Products Corp.)
- 15. PCT International Publication No. WO 00/66537, published November 09, 2000 (Kung, Hank, F.)
- 16. PCT International Publication No. WO 00/59878, published October 12, 2000 (Icos Corp.)
- 17. PCT International Publication No. WO 01/10842 A2, published February 15, 2001 (Millennium Pharm., Inc.)
- 18. PCT International Publication No. WO 01/27068 A1, published April 19, 2001 (Pfizer Products Inc.)
- 19. PCT International Publication No. WO 02/062766 A2, published August 15, 2002 (Millennium Pharm., Inc.)
- 20. PCT International Publication No. WO 02/098857 A1, published December 12, 2002 (F. Hoffman-La Roche AG)
- 21. PCT International Publication No. WO 03/055873 A1, published July 10, 2003 (H. Lundbeck A/S)
- 22. European Publication No. EP 0 273 199 A2, published July 6, 1988 (Laboratoires Hoechst SA)
- 23. European Publication No. EP 0 396 827 A1, published November 14, 1990 (SPOFA Spojene Podniky Pro)
- 24. European Publication No. EP 0 402 097 A1, published December 12, 1990 (The Wellcome Foundation Limited)
- 25. European Publication No. EP 0 755 923 A1, published January 29, 1997 (Suntory Limited)
- 26. European Publication No. EP 0 814 084 A1, published December 29, 1997 (Eli Lilly and Co.)

Ask Püschl, et al. Serial No. 10/551,869 Filed: September 30, 2005

Page 3 of 4

- 27. European Publication No. EP 0 921 124 A1, published June 9, 1999 (Pfizer Limited)
- 28. Axford, L. et al. "Bicyclo[2.2.1]heptanes as Novel Triple Re-uptake Inhibitors for the Treatment of Depression", Bioorganic & Medicinal Chemistry Letters, 2003, pages 3277-3280, vol. 13.
- 29. Edmond, P., et al. "Substituted Diphenyl Sulfides as Selective Serotonin Transporter Ligands: Synthesis and In Vitro Evaluation", J. Med. Chem., 2002, pages 1253-1258, vol. 45.
- 30. Hawkins, D.G., et al. "Competitive Cyclisation of Singlet and Triplet Nitrenes. Part 7.1 Reaction Pathways of 2-Azidophenyl Benzothienyl Azides", Journal of the Chemical Society, Perkin Transactions I: Organic and Bio-Organic Chemistry, 1979, pages 3207-3210, No. 12.
- 31. Jackson, A., et al. "Electrophilic Substitution in Indoles Part 16<sup>1,2</sup> The Formation of Indolobenzothiazines and Indolobenzothiazepines by Intramolecular Cyclisation of (o-Nitrophenylthio)Indoles", J. Chem. Res. Miniprint, 1988, pages 2017-2063, vol. 9.
- 32. Jilek, J., et al. "Potential antidepressants: 2-(Methoxy- and Hydroxy-Phenylthio)Benzylamines as Selective Inhibitors of 5-Hydroxytryptamine Re-uptake in the Brain", Collect. Czech. Chem. Commun., 1989, pages 3294-3338, vol. 54.
- 33. Martin, L., et al. "Synthesis of Spiro[isobenzofuran-1(3H),4'piperedines] as Potential Central Nervous System Agents. 5. Conformationally Mobile Analogues Derived by Furan Ring Opening", J. Med. Chem., 1979, pages 1347-1354, vol. 22, No. 11.
- 34. Oya, S., et al. "A New Single-Photon Emission Computed Tomography Imaging Agent For Serotonin Transporters: [1231]IDAM, 5-lodo-2-((2-((dimethylamino)methyl)-phenyl)thio)benzyl Alcohol", J. Med. Chem., 1999, pages 333-335, vol.42(3).
- 35. Oya, S., et al. "New PET Imaging Agent for the Serotonin Transporter: [<sup>18</sup>F]ACF (2-[(2-Amino-4-chloro-5-fluorophenyl)thio]-*N*,*N*-dimethyl-benzenmethanamine)", J. Med. Chem., 2002, pages 4716-4723, vol.45.
- 36. Ragno, R., et al. "Docking and 3-D QSAR Studies on Indolyl Aryl Sulfones. Binding Mode Exploration at the HIV-1 Reverse Transcriptase Non-Nucleoside Binnding Site and Design of Highly Active *N*-(2-Hydroxyethyl)carboxamide and *N*-(2-hydroxyethyl)carbohydrazide Derivatives", J. Med. Chem., 2005, pages 213-223, vol. 48.
- 37. Silvestri, R., et al. "Novel Indolyl Aryl Sulfones Active Against HIV-1 Carrying NNRTI Resistance Mutations: Synthesis and SAR Studies", J. Med. Chem., 2003, pages 2482-2493, vol. 46.
- 38. Sindelar, K., et al. "Potential Antidepressants and Inhibitors of 5-Hydroxy-Tryptamine and Noradrenaline Re-uptake in the Brain: N,N-Dimethyl-(Arylthio)Thenylamines and N,N-Dimethyl-2-(Thienylthio)Benzylamines", Collect. Czech. Chem. Commun., 1991, pages 449-458, vol. 56.

Ask Püschl, et al. Serial No. 10/551,869 Filed: September 30, 2005

Page 4 of 4

C.F.R. §1.98(a)(2)(i) has been amended to eliminate the requirement in paragraph (a)(2)(i) for a

copy of each U.S. patent or U.S. patent application publication listed in an IDS in a patent

application regardless of the filing date of the application. Accordingly, copies of references 1-

10 are not enclosed herewith. Copies of references 11-38 are enclosed herewith.

It is respectfully requested that the Examiner consider the cited references and that a copy of

each of the enclosed Forms PTO/SB/08a and Forms PTO/SB/08b be initialed and returned

indicating that such information has been considered. Applicants respectfully request that the

Examiner make the cited references of record in the subject application.

Applicants are filing this Supplemental Information Disclosure Statement under 37 C.F.R.

1.97(b)(3), before the mailing of a first Office Action on the merits. Accordingly, no fee is

deemed necessary in connection with the filing of this Supplemental Information Disclosure

Statement. However, in the event that a first Office Action has been mailed but has not yet

been received by applicants, applicants hereby request, pursuant to 37 C.F.R. §1.98(c)(2),

consideration of this Supplemental Information Disclosure Statement, and authorization is

hereby given to charge to Deposit Account No. 503201, ONE HUNDRED AND EIGHTY

DOLLARS (\$180.00), which is the amount of the fee under 37 C.F.R. 1.17(p), for filing a

Supplemental Information Disclosure Statement pursuant to 37 C.F.R. 1.97(c)(2).

If a telephone interview would be of assistance in advancing prosecution of the above-identified

application, applicants' undersigned agent invites the Examiner to telephone him at the number

provided below.

Respectfully submitted,

Kitae Lim

Registration No. 58,066

Lundbeck Research USA, Inc.

215 College Road

Paramus, New Jersey 07652

(201) 350-0782 (phone)

(201) 225-9571 (fax)

PTO/SB/08A (07-06)

Approved for use through 09/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

lariy sheets as necessary,

Complete if Known					
Application Number	10/551,869				
Filing Date	September 30, 2005				
First Named Inventor	Ask Püschl				
Art Unit	1625				
Examiner Name	Not Yet Known				
Attorney Docket Number	433-US-PCT				

				T DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 3,803,143	04-09-1974	Tanaka, S., et al.	ı
		<sup>US-</sup> 4,018,830	04-19-1977	Christy, M., et al.	
		<sup>US-</sup> 4,055,665	10-25-1977	Christy, M., et al.	
-		<sup>US-</sup> 4,056,632	11-01-1977	Mehta, N., et al.	
		<sup>US-</sup> 4,198,417	04-15-1980	Ong, H., et al.	
		<sup>US-</sup> 4,241,071	12-23-1980	Martin, L., et al.	
		<sup>US-</sup> 5,095,039	03-10-1992	Mehta, N., et al.	
-		<sup>US-</sup> 6,410,736 B1	06-25-2002	Howard, H., et al.	
		<sup>US-</sup> 6,436,938 B1	08-20-2002	Howard, H., et al.	
		<sup>US-</sup> 6,596,741 B2	07-22-2003	Howard, H., et al.	
		US-			
		US-			
-		US-			
	1	US-			

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
, mucio		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	₽
		WO 93/12080	06-24-1993	The Wellcome Foundation Limited		
		WO 97/17325	05-15-1997	Farmak A.S.		
		WO 97/17352 A1	05-15-1997	Gist-Brocades B.V.		
		WO 98/08817	03-05-1998	American Home Products Corp.		
		WO 00/66537	11-09-2000	Kung, Hank, F.		L
		WO 00/59878	10-12-2000	Icos Corp.		

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

433-US-PCT

Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 10/551,869 Filing Date September 30, 2005 INFORMATION DISCLOSURE First Named Inventor Ask Püschl STATEMENT BY APPLICANT Art Unit 1625 (Use as many sheets as necessary) **Examiner Name** Not Yet Known

of

Sheet 2

Attorney Docket Number

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials* No.	Number-Kind Code <sup>2 (if known)</sup>			Figures Appear	
		US-			
	<u> </u>	US-			
		US-			
		US-			
	+	US-			
	-	US-			
		US-			
	1	US-			
	<del>                                     </del>	US-			
	<del> </del>	US-			
		US-			
	<del>                                     </del>	US-	+		

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	_ ا
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Г
		WO 01/10842 A2	02-15-2001	Millennium Pharm., Inc.		
		WO 01/27068 A1	04-19-2001	Pfizer Products Inc.		
		WO 02/062766 A2	08-15-2002	Millennium Pharm., Inc.		
		WO 02/098857 A1	12-12-2002	F. Hoffman-La Roche AG		
		WO 03/055873 A1	07-10-2003	H. Lundbeck A/S		L
		EP 0 273 199 A2	07-06-1988	Laboratoires Hoechst SA		

Examiner	Date	
Signature	Considered	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXAMINE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 3

(Use as many sheets as necessary)

of 3

	- T	
Application Number	10/551,869	
Filing Date	September 30, 2005	
First Named Inventor	Ask Püschl	
Art Unit	1625	
Examiner Name	Not Yet Known	
Attorney Docket Number	433-US-PCT	

			U. S. PATENT D		
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<del> </del>	US-			
		03-			
		US-			
		US-			
		US-			
	<u> </u>	US-			
		US-			
_		ÜS-			
		US-			
		US-			
	1	US-		,	
	1	US-			
	1	US-			

		Applicant of Cited Document	Where Relevant Passages	١ ـ
Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ°
EP 0 396 827 A1	11-14-1990	SPOFA Spojene Podniky Pro		
EP 0 402 097 A1	12-12-1990	The Wellcome Foundation Limited		
EP 0 755 923 A1	01-29-1997	Suntory Limited		
EP 0 814 084 A1	12-29-1997	Eli Lilly and Co.		
EP 0 921 124 A1	09-06-1999	Pfizer Limited		L
	EP 0 402 097 A1 EP 0 755 923 A1 EP 0 814 084 A1	EP 0 402 097 A1       12-12-1990         EP 0 755 923 A1       01-29-1997         EP 0 814 084 A1       12-29-1997	EP 0 402 097 A1       12-12-1990       The Wellcome Foundation Limited         EP 0 755 923 A1       01-29-1997       Suntory Limited         EP 0 814 084 A1       12-29-1997       Eli Lilly and Co.	EP 0 402 097 A1       12-12-1990       The Wellcome Foundation Limited         EP 0 755 923 A1       01-29-1997       Suntory Limited         EP 0 814 084 A1       12-29-1997       Ell Lilly and Co.

Examiner	·	Date	
Signature		Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1440/PTO				Complete if Known	1	
Substitute for form 1445/F TO		Application Number	10/551,869			
INFO	ORMATION	DIS	CLOSURE	Filing Date	September 30, 2005	
STATEMENT BY APPLICANT				First Named Inventor	Ask Püschl	
				Art Unit	1625	
(Use as many sheets as necessary)			ecessary)	Examiner Name	Not Yet Known	
Sheet	1	of	2	Attorney Docket Number	433-US-PCT	$\overline{\mathcal{J}}$

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
-		Axford, L., et al. "Bicyclo[2.2.1]heptanes as Novel Triple Re-uptake inhibitors for the Treatment of Depression", Bioorganic & Medicinal Chemistry Letters, 2003, pages 3277-3280, vol. 13.	
		Edmond, P., et al. "Substituted Diphenyl Sulfides as Selective Serotonin Transporter Ligands: Synthesis and In Vitro Evaluation", J. Med. Chem., 2002, pages 1253-1258, vol. 45.	
		Hawkins, D.G., et al. "Competitive Cyclisation of Singlet and Triplet Nitrenes. Part 7. Reaction Pathways of 2-Azidophenyl Benzothienyl Azides", Journal of the Chemical Society, Perkin Transactions I: Organic and Bio-Organic Chemistry, 1979, pages 3207-3210, No. 12.	
		Jackson, A., et al. "Electrophilic Substitution in Indoles Part 16 1,2 The Formation of Indolobenzothiazines and Indolobenzothiazepines by Intramolecular Cyclisation of (o-Nitrophenylthio)indoles", J. Chem. Res. Miniprint, 1988, pages 2017-2063, vol. 9.	
		Jilek, J., et al. "Potential Antidepressants: 2-(Methoxy- and Hydroxy-Phenylthio)Benzylamines as Selective Inhibitors of 5-Hydroxytryptamine Re-Uptake in the Brain", Collect. Czech. Chem. Commun., 1989, pages 3294-3338, vol. 54.	
		Martin, L., et al. "Synthesis of Spiro[isobenzofuran-1(3H),4'-piperidines] as Potential Central Nervous System Agents. 5. Conformationally Mobile Analogues Derived by Furan Ring Opening", J. Med. Chem., 1979, pages 1347-1354, vol. 22, No. 11.	
-		Oya, S., et al. "A New Single-Photon Emission Computed Tomography Imaging Agent for Serotonin Transporters: [123I] IDAM, 5-lodo-2-((2-((dimethylamino)methyl)-phenyl)thio)benzyl Alcohol", J. Med. Chem., 1999, pages 333-335, vol. 42 (3).	
		Oya, S., et al. "New PET Imaging Agent for the Serotonin Transporter: [18F]ACF (2-[(2-Amino-4-chloro-5-fluorophenyl)thio]-N,N-dimethyl-benzenmethanamine)", J. Med. Chem., 2002, pages 4716-4723, vol. 45.	
-		Ragno, R., et al. "Docking and 3-D QSAR Studies on Indolyl Aryl Sulfones. Binding Mode Exploration at the HIV-1 Reverse Transcriptase Non-Nucleoside Binding Site and Design of Highly Active N-(2-Hydroxyethyl)carboxamide and N-(2-Hydroxyethyl)carbohydrazide Derivatives", J. Med. Chem., 2005, pages 213-223, vol. 48.	
5. V.		Silvestri, R., et al. "Novel Indolyl Aryl Sulfones Active against HIV-1 Carrying NNRTI Resistance Mutations: Synthesis and SAR Studies", J. Med. Chemistry, 2003, pages 2482-2493, vol. 46.	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO					Complete if Known		
Jubsului	e 101 101111 1449/F 10			Application Number	10/551,869		
INFORMATION DISCLOSURE				Filing Date	September 30, 2005		
STATEMENT BY APPLICANT			PPLICAN	First Named Inventor	Ask Püschl		
(Use as many sheets as necessary)				Art Unit .	1625		
				Examiner Name	Not Yet Known		
Sheet	2	of	2	Attorney Docket Number	433-US-PCT		

			$\neg$
		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		Sindelar, K., et al. "Potential Antidepressants and Inhibitors of 5-Hydroxy-Tryptamine and Noradrenaline Re-Uptake in the Brain: N,N-Dimethyl-(Arylthio)Thenylamines and N,N-Dimethyl-2-(Thienylthio) Benzylamines", Collect. Czech. Chem. Commun., 1991, pages 449-458, vol. 56.	
i			
Examiner	"	Date	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.